

## Synthesis, structure, and extraction ability of tetrasubstituted thiacalix[4]arenes with crown ether fragments on the lower rim

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### Abstract

Synthesis of  $\omega$ -bromoalkoxy derivatives of thiacalix-monocrown ethers in 1,3-alternate conformation was performed. The complexation ability of synthesized macrocycles towards alkali metal cations was investigated by two-phase extraction method. © ISUCT Publishing.

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### Keywords

2D NMR, Mitsunobu reaction, Picrate extraction, Thiacalix[4]monocrown